

2555-1-001 (Sheet 1 of 7)

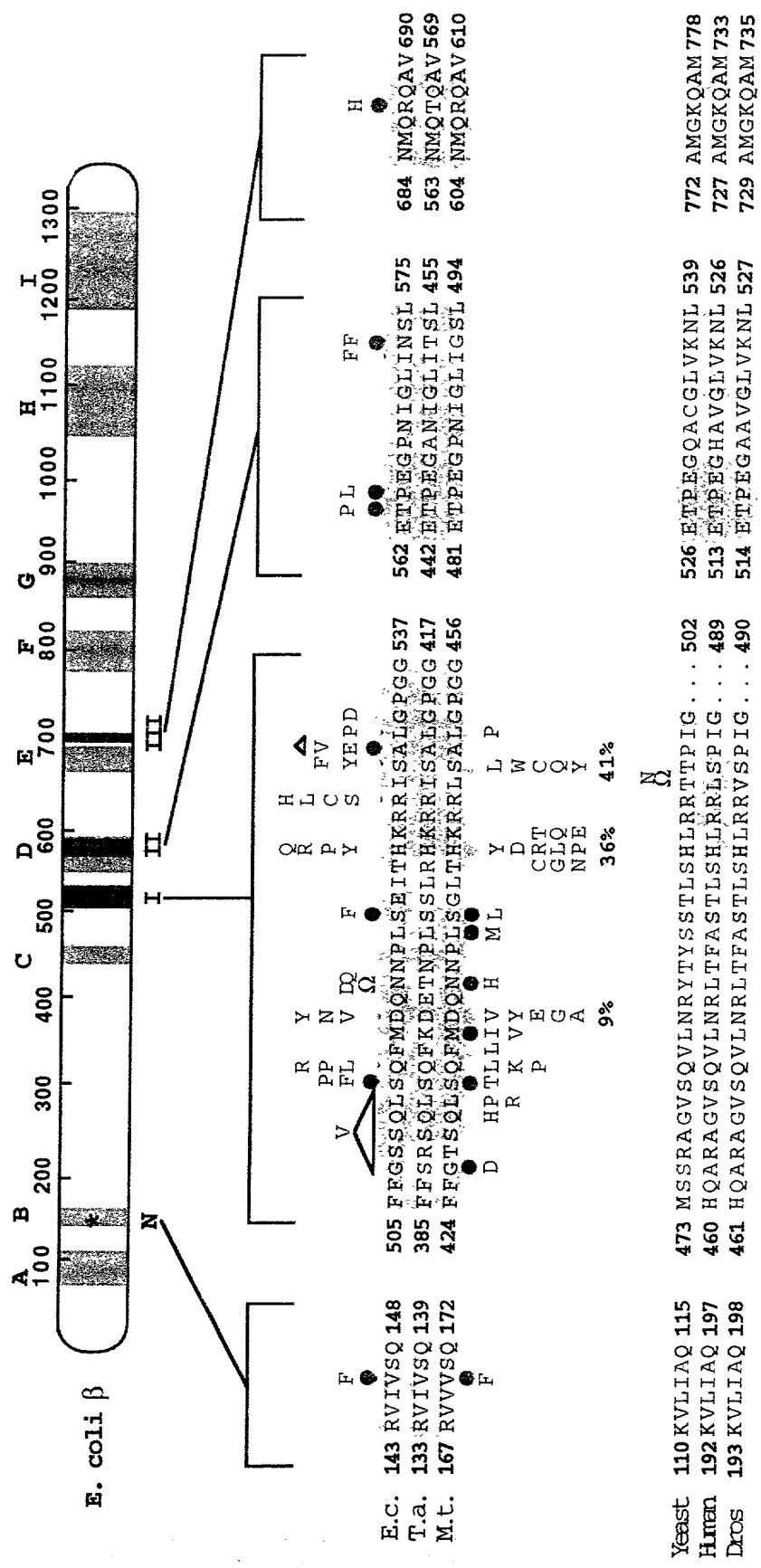
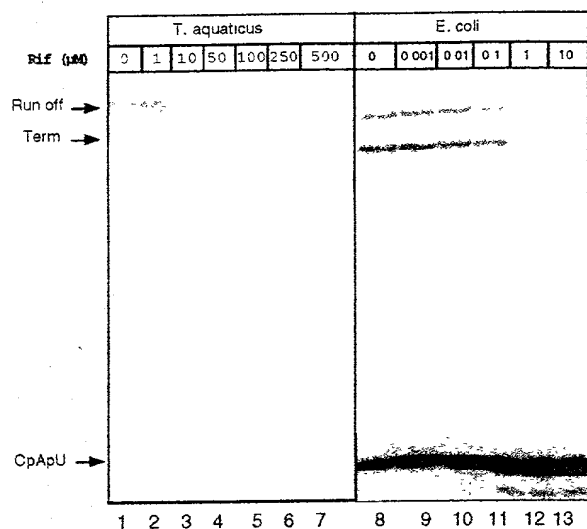
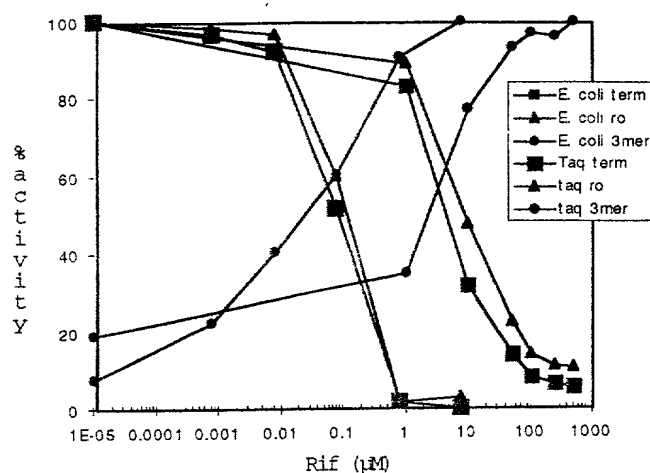


Figure 1

a



b



c

Pol	E. coli holo								Taq holo							
Rif-(CH ₂) _n -ATP n=	0	2	3	4	5	6	8	12	0	2	3	4	5	6	8	12

Rif-(CH₂)_n-Ap*UTP

→

d

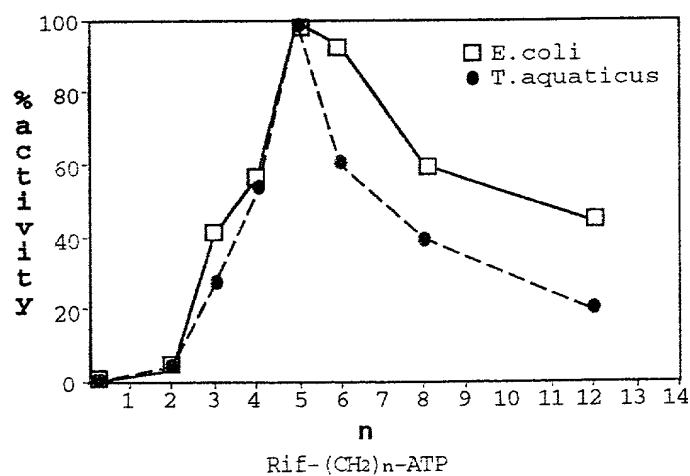
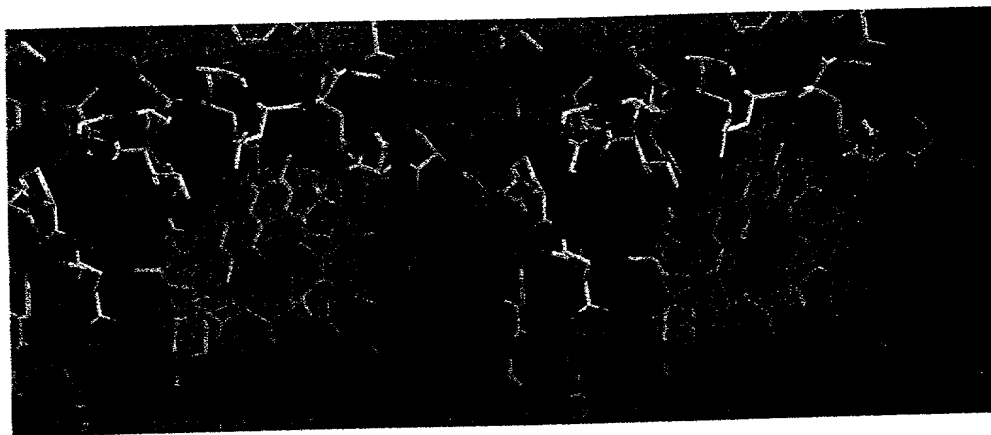
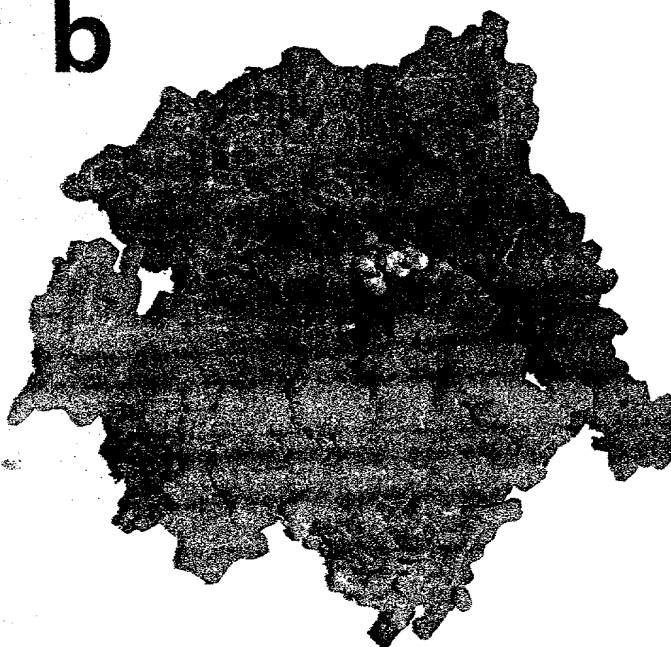


Figure 2

a



b



c

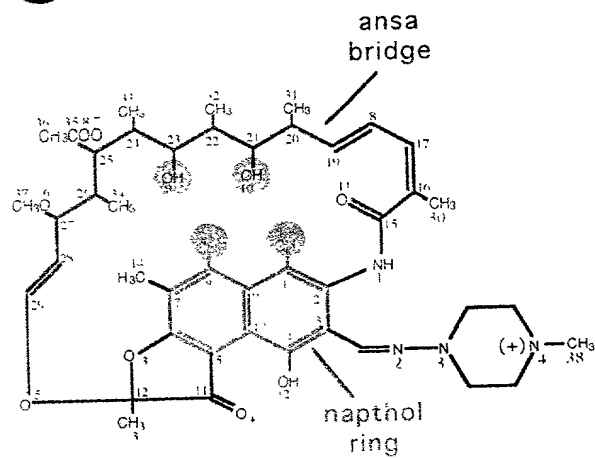


Figure 3

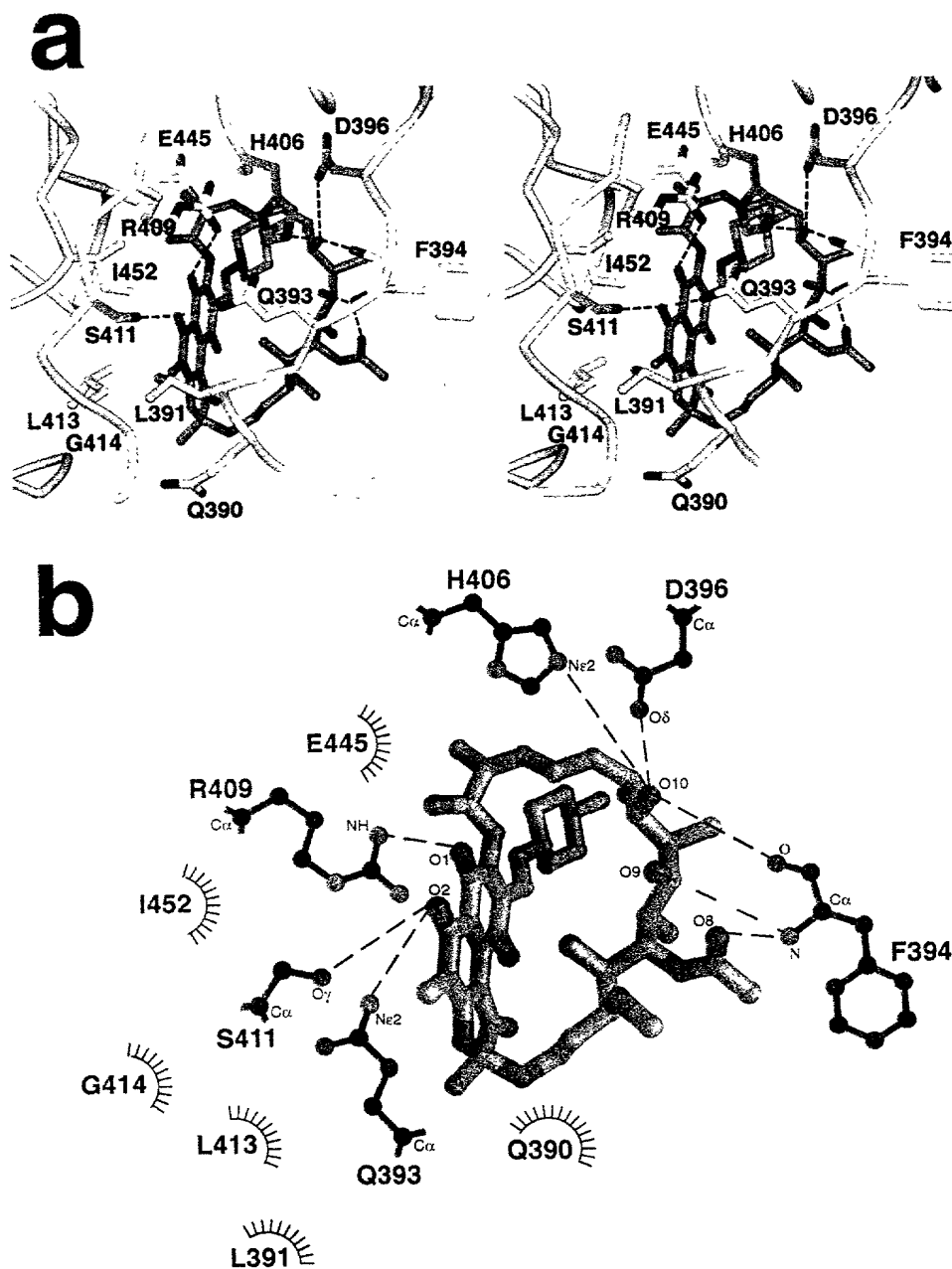


Figure 4

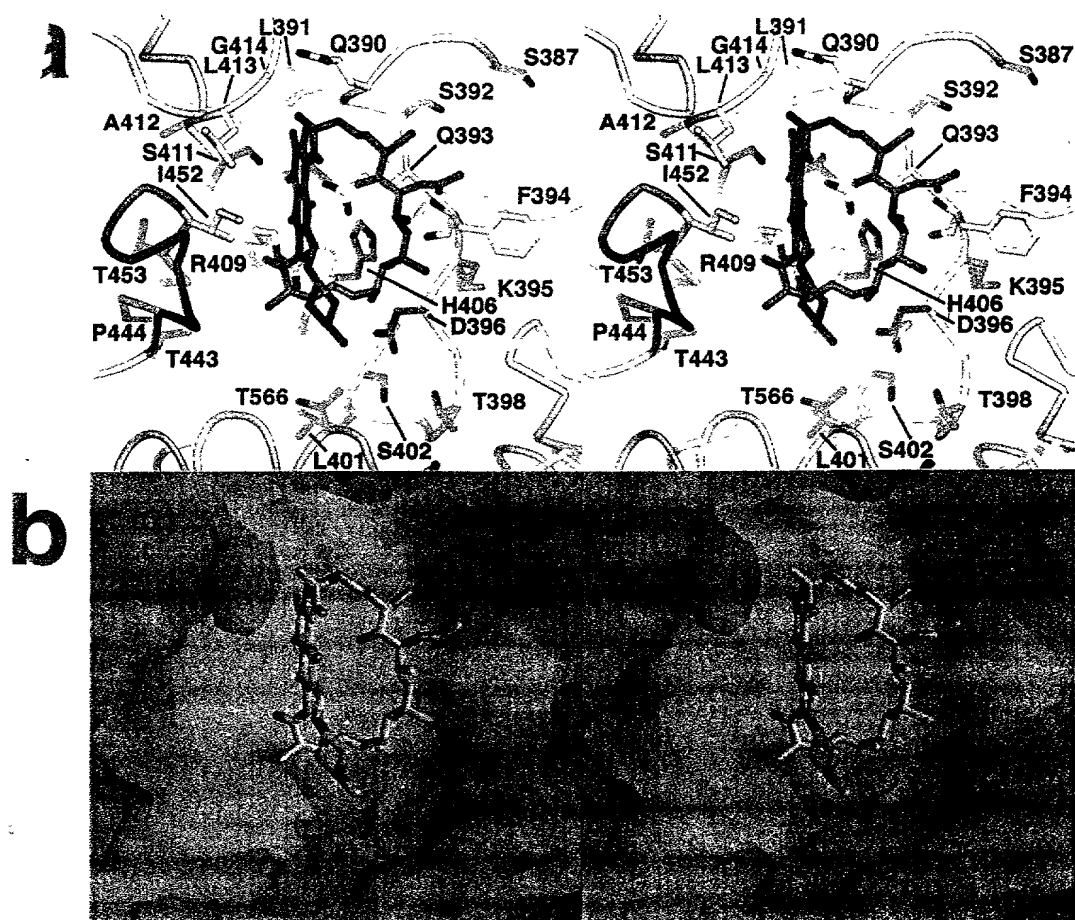


Figure 5



7 6 5 4 3
RNA 5' AAAUCGC 3'
 A T T T A G C G G C T G T T A A A G T 5' T
 A C A A T T T C A 3' NT **DNA**






Taq Pol															
+Rif					Scaffold RNA=X nt					Scaffold RNA=X nt					
Scaffold RNA=X nt					+Rif					-Rif					
X=	3	4	5	6	7	3	4	5	6	7	3	4	5	6	7
															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Figure 6

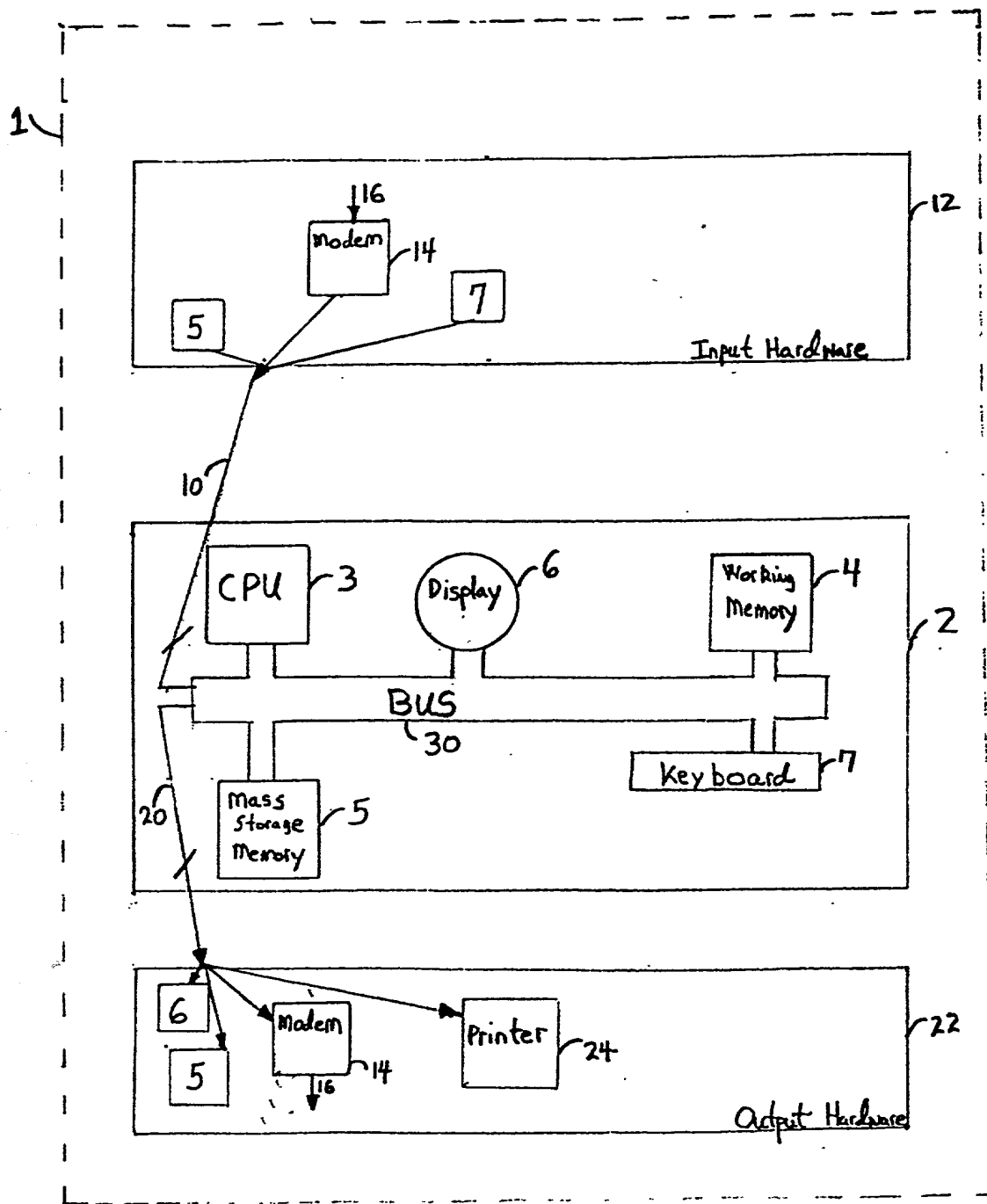


Figure 7